Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 09 Oct 2023 until 23:59 on Tuesday 10 Oct 2023

Forecast Issued on Sunday 08 Oct 2023 at 13:55

Confidence: High for mainly cloudy with occasional rain through the period, but lowering for detail of timing of the brief spells of better weather that develop.

Headline for Monday 09 Oct 2023: Rather cloudy, but most staying dry with some limited brightness. Winds relatively light.

Mountain weather hazards on Monday 09 Oct 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m

Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
10%	10%	10%	10%	10%	<05%	<05%	10%

Forecast for Monday 09 Oct 2023

Weather: Rather cloudy day with the chance of some patchy light rain developing, but most staying dry with the best of the limited brighter spells expected through the afternoon.

Chance of cloud-free hill tops above 600m: 40% becoming 80% for the afternoon

Low cloud and visibility: Good becoming moderate or poor in any rain, very poor within cloud with bases occasionally down to 600m during the morning, infrequently so for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 09 Oct 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	14/20 SW	13/18 SW	12/17 SW	11/16 W	8/12 SW	8/11 SW	12/16 SW	14/20 SW
300	7/10 SW	8/11 SW	7/10 SW	7/10 W	7/11 W	4/7 W	5/7 SW	6/9 S	7/12 SW
Valley	2/6 S	3/6 S	3/7 N	3/8 W	4/9 W	3/7 W	3/6 S	4/10 S	4/11 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/12	14/12	14/11	14/12	15/13	15/14	14/13	14/12	13/11
300	15/14	14/13	14/14	14/14	16/15	17/17	16/15	16/15	15/14
Valley	14/14	13/13	14/14	15/15	16/16	18/18	15/16	15/15	14/14
Freezing Level*	3200m	3100m	3100m	3000m	3000m	3200m	3200m	3200m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Best chance of fair conditions in the afternoon.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 08 Oct 2023	0mm	0mm	0mm

Forecast for Tuesday 10 Oct 2023

Weather: Cloudy start with chance of some patchy light rain. Turning dry with brighter spells late morning and early afternoon. Cloud thickening late afternoon to bringing occasional rain into the evening, perhaps turning heavy at times.

Maximum wind: West or Southwest 15-20 mph.

Chance of cloud-free hill tops above 600m: 40% becoming 80% by mid-day then 20% by early evening

Low cloud and visibility: Good becoming moderate or poor in rain, very poor within cloud with bases occasional down to 500m at first and extensively so for the evening.

Temperature: **Valleys:** Plus 12 Celsius increasing 20 Celsius for the afternoon
At 600m: Plus 12-14 Celsius
Freezing level: Above all summits

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